

CLEAN CLAIMS ARE AS FOLLOWS

AI 1 1. (Original) A fiber optic module comprising:
2 a push-actuator to release the fiber optic module from a
3 cage assembly; and
4 one or more electro-optic transducers to convert optical
5 signals into electrical signals or electrical signals into
6 optical signals.

1 2. (Original) The fiber optic module of claim 1 wherein,
2 the fiber optic module is an SFP fiber optic module and
3 the cage assembly is an SFP cage assembly.

1 3. (Original) The fiber optic module of claim 1 wherein,
2 the push-actuator is a push button.

1 4. (Original) The fiber optic module of claim 1 wherein,
2 the push-actuator is a kick actuator.

1 5. (Original) The fiber optic module of claim 1 wherein,
2 the push-actuator includes one or more grooves to
3 slideably engage the fiber optic module.

1 6. (Original) The fiber optic module of claim 1 wherein,
2 the push-actuator slides to release the fiber optic
3 module from the cage assembly.

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1 7. (Original) The fiber optic module of claim 1 wherein,
2 the push-actuator includes
3 one or more ramps which cause the fiber optic module to
4 be released from the cage assembly when the push-actuator is
5 pushed.

1 8. (Original) The fiber optic module of claim 1 further
2 comprising:
3 a second actuator with one or more ramps along one side,
4 the push-actuator causes the second actuator to slide to
5 release the fiber optic module from the cage assembly.

1 9. (Original) The fiber optic module of claim 1 wherein,
2 the push-actuator includes
3 an orientation indicator to indicate the fiber optic
4 module which the push-actuator releases.

1 10. (Original) The fiber optic module of claim 1
2 wherein,
3 the push-actuator includes
4 a push tab,
5 a shaft coupled to the push tab at a first end, and
6 a hook coupled to a second end of the shaft.

1 11. (Original) The fiber optic module of claim 1
2 wherein,

3 the push-actuator is located at a bottom side of the
4 fiber optic module.

1 12. (Original) The fiber optic module of claim 1
2 further comprising:

3 a nose having a nose grip to pull out on the fiber optic
4 module.

1 13. (Original) The fiber optic module of claim 1
2 further comprising:
3 a pull-tab to disengage the fiber optic module from the
4 cage assembly.

1 14. (Original) The fiber optic module of claim 13
2 wherein,
3 the pull-tab includes a shield to contain EM radiation.

1 15. (Original) The fiber optic module of claim 13
2 wherein,
3 the pull-tab is located at a top side of the fiber optic
4 module and the push-actuator is located at a bottom side of
5 the fiber optic module.

1 16. (Original) The fiber optic module of claim 13
2 wherein,

3 the pull-tab is located at a bottom side of the fiber
4 optic module and the push-actuator is located at a bottom side
5 of the fiber optic module.

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1 17. (Original) The fiber optic module of claim 13
2 wherein,
3 the pull-tab is coupled to ground.

1 18. (Original) The fiber optic module of claim 13
2 wherein,
3 the pull-tab includes
4 a pull grip having dimples to prevent slippage.

1 19. (Original) The fiber optic module of claim 13
2 wherein,
3 the pull-tab is formed of a conductive material.

1 20. (Original) The fiber optic module of claim 13
2 wherein,
3 the pull-tab is formed of a solid material.

1 21. (Original) The fiber optic module of claim 13
2 wherein,
3 the pull-tab is formed of metal.

1 22. (Original) The fiber optic module of claim 13
2 wherein,

3 the pull-tab is formed of a plastic.

1 23. (Original) The fiber optic module of claim 13

2 wherein,

3 the pull-tab includes

4 an arm to couple to the fiber optic module, and

5 a handle at an end of the lever arm for a user to

6 grab the pull-tab.

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1 24. (Original) The fiber optic module of claim 13

2 wherein,

3 the handle of the pull-tab has

4 a grip to grip the handle with one or more fingers

5 of the user.

1 25. (Original) The fiber optic module of claim 13

2 further comprising:

3 a nose having a nose grip to pull out on the fiber optic

4 module.

1 26. (Original) The fiber optic module of claim 13

2 wherein,

3 the pull-tab includes

4 a pull grip,

5 a lever arm coupled to the pull grip,

6 a shield coupled to the lever arm, and

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7 grounding tabs coupled to the shield.

1 27-39. (Cancelled) ✓

1 40. (Original) A fiber optic module comprising:
2 means for converting optical signals into electrical
3 signals or electrical signals into optical signals; and
4 means for disengaging the fiber optic module from a cage
5 assembly by depressing a push button.

1 41. (Original) The fiber optic module of claim 40
2 further comprising:
3 means for slideably engaging the means for disengaging
4 the fiber optic module.

1 42. (Original) The fiber optic module of claim 40
2 further comprising:
3 means for withdrawing the fiber optic module from the
4 cage by pulling.

1 43. (Original) The fiber optic module of claim 40
2 further comprising:
3 means for slideably engaging the means for disengaging
4 the fiber optic module.

1 44. (Original) The fiber optic module of claim 40
2 further comprising:

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3 means for indicating the fiber optic module which the
4 means for disengaging releases.

1 45. (Original) The fiber optic module of claim 40
2 wherein,
3 the means for disengaging the fiber optic module
4 includes,
5 means for lifting a latch to disengage the fiber optic
6 module from the cage assembly by depressing the push button.

1 46. (Original) A method of disengaging a fiber optic
2 module from a cage assembly comprising:
3 pushing a push-button to release a latch; and
4 pulling a pull-tab to disengage the fiber optic module
5 from the cage assembly.

1 47. (Original) The method of claim 46 comprising:
2 determining if the latch has been released.

1 48. (Original) A method of engaging a fiber optic module
2 to a cage assembly comprising:
3 inserting the fiber optic module into an opening in the
4 cage assembly;
5 pushing the fiber optic module into the cage assembly;
6 and

7 determining if the fiber optic module is fully inserted
8 into the cage assembly by checking whether a push button
9 coupled to the fiber optic module is fully extended out.

1 49. (Original) A method of claim 48 further comprising:
2 pushing the fiber optic module into the cage assembly if
3 the push button is not fully extended out.
